





UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
WWW.uspfo.gov

Bib Data Sheet

CONFIRMATION NO. 3918

SERIAL NUMI 09/727,839		FILING DATE 11/30/2000 RULE	CLASS 360	GROUP ART UNIT 2651		ATTORNEY DOCKET NO. Q00-1017-US1		
APPLICANTS Ashok Machcha, Natick, MA; Gary Walker, Sherborn, MA; Martin, James F., Westborough MA 0158/ *** CONTINUING DATA **********************************								
Foreign Priority claimed 35 USC 119 (a-d) conditions met Verified and Acknowledged		yes no Met afte	MA	COUNTRY DRAWING		TOTAL CLAIMS 20		INDEPENDENT CLAIMS 5
ADDRESS HENRY J. GRO Patent Law Man Quantum Corpo 500 McCarthy B Milpitas ,CA 950	ager ration Ivd.							
TITLE Flow modification for reducing track misregistration in hard disk drives								
RECEIVED	/ED No to charge/credit DEPOSIT ACCOUNT				All Fees 1.16 Fees (Filing) 1.17 Fees (Processing Ext. of time) 1.18 Fees (Issue) Other Credit			